# BRUHAT BANGALORE MAHANAGARA PALIKE

## YELAHANKA ZONE

**Modified Cost Rs. 14.8591akhs**

Name of Work:-Change of place for Improvements to roads and drains at Muneshwaranagara 6th cross & Attached roads in Attur ward no-03.(Improvements to roads and drains at Giridhamanagara of Doddabettahalli in Attur ward no-03).

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 1 | KSRRB 300-1.Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no141, PWD SR 2016-17) | Cum | | | | | | | |
| | Desilting of drains:-Muneshwaranagara 6th cross | | 2 | 200.00 | 0.50 | 0.45 | 90.00 | | |
| | 1st to 4th Cross roads | | 8 | 20.00 | 0.45 | 0.40 | 28.80 | | |
| | Berm cutting:-Muneshwaranagara 6th cross | | 2 | 200.00 | 1.00 | 0.20 | 80.00 | | |
| | 1st to 4th Cross roads | | 8 | 20.00 | 0.75 | 0.15 | 18.00 | | |
| | Road levelling:-Muneshwaranagara 6th cross | | 1 | 200.00 | 5.80 | 0.20 | 232.00 | | |
| | sanitary cut portion | | 1 | 200.00 | 1.80 | 0.15 | 54.00 | | |
| | 1st to 4th Cross roads | | 4 | 20.00 | 5.00 | 0.20 | 80.00 | | |
| | | | | | | Total qty | 582.80 | | |
| | | A)Up to 125% Of Quantity | | | | | 251.25 | 75.00 | 18844.00 |
| | | B)Above 125% Of Quantity | | | | | 331.55 | 86.29 | 28608.00 |
| | Basic Rate | 82.00 | | | | | | | |
| | Area Weightage @ 6% | 4.92 | | | | | | | |
| | SubTotal | 86.92 | | | | | | | |
| | Tender premium(-0.73%) | 0.63 | | | | | | | |
| | GrandTotal | 86.29 | | | | | | | |
| 2 | Removing B.S slab of drain and stacking (P.No 25 I.No 5.32) | sqm | | | | | | | |
| | Muneshwaranagara 6th cross | | 2 | 200.00 | 1.35 | | 540.00 | | |
| | 1st to 4th Cross roads | | 8 | 20.00 | 1.35 | | 216.00 | | |
| | | | | | | Total qty | 756.00 | | |
| | | Deduct 35%of Missing slabs qty | | | | | 264.60 | | |
| | | | | | | | 491.40 | | |
| | | A)Up to 125% Of Quantity | | | | | 75.93 | 62.00 | 4708.00 |
| | | B)Above 125% Of Quantity | | | | | 415.47 | 65.24 | 27105.00 |
| | Basic Rate | 62.00 | | | | | | | |
| | Area Weightage @ 6% | 3.72 | | | | | | | |
| | SubTotal | 65.72 | | | | | | | |
| | Tender premium(-0.73%) | 0.48 | | | | | | | |
| | GrandTotal | 65.24 | | | | | | | |
| 3 | Refixing stone slabs of drains and pointing in CM(1:3)(P.No 25 I.No 5.33) | Sqm | | | | | | | |
| | | | | Vide Item No. 2 | | | 491.40 | | |
| | | A)Up to 125% Of Quantity | | | | | 75.93 | 80.00 | 6074.00 |
| | | B)Above 125% Of Quantity | | | | | 415.47 | 79.97 | 33226.00 |
| | Basic Rate | 76.00 | | | | | | | |
| | Area Weightage @ 6% | 4.56 | | | | | | | |
| | SubTotal | 80.56 | | | | | | | |
| | Tender premium(-0.73%) | 0.59 | | | | | | | |
| | GrandTotal | 79.97 | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 4 | Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete do 7.5 cms thick(P.No 25 1.No 5.31.1) | sqm | | | | | | | |
| | | | | 35%of Missing slabs qty | | | 264.60 | | |
| | | | | A)Up to 125% Of Quantity | | | 128.13 | 660.00 | 84764.00 |
| | | | | | | | | | |
| | | | | B)Above 125% Of Quantity | | | 136.17 | 660.82 | 89984.00 |
| | Basic Rate | 628.00 | | | | | | | |
| | Area Weightage @ 6% | 37.68 | | | | | | | |
| | SubTotal | 665.68 | | | | | | | |
| | Tender premium(-0.73%) | 4.86 | | | | | | | |
| | GrandTotal | 660.82 | | | | | | | |
| 5 | KSRRBM400-17,Providing, laying, spreading andcompacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site,laying in uniform layers with paver in sub base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.MORTH Specification No.406(Item no20.18,Page no157 ,PWD SR 2016-17) | Cum | | | | | | | |
| | Muneshwaranagara 6th cross | | 1 | 200.00 | 5.80 | 0.20 | 232.00 | | |
| | sanitary cut portion | | 1 | 200.00 | 1.80 | 0.15 | 54.00 | | |
| | 1st to 4th Cross roads | | 4 | 20.00 | 5.00 | 0.20 | 80.00 | | |
| | | | | | | Total qty | 366.00 | | |
| | | | | A)Up to 125% Of Quantity | | | 365.00 | 1760.00 | 642400.00 |
| | | | | | | | | | |
| | | | | B)Above 125% Of Quantity | | | 1.00 | 1755.17 | 1755.00 |
| | Basic Rate | 1668.00 | | | | | | | |
| | Area Weightage @ 6% | 100.08 | | | | | | | |
| | SubTotal | 1768.08 | | | | | | | |
| | Tender premium(-0.73%) | 12.91 | | | | | | | |
| | GrandTotal | 1755.17 | | | | | | | |
| | | | | | | | | | |
| 6 | KSRRB M500-6,Providing and applying primer coat with S.S.bitumen emulsion on prepared surface of granular base such as WBM,WMM including cleaning of road surfase and spraying primer at the rate of .60kg/Sqm using mechanical means complete as per specifications, MORTH Specifications No502 (ITEMNO21.6,Page no157,PWD SR 2016-17) | Sqm | | | | | | | |
| | Muneshwaranagara 6th cross | | 1 | 200.00 | 5.80 | | 1160.00 | | |
| | 1st to 4th Cross roads | | 4 | 20.00 | 5.00 | | 400.00 | | |
| | | | | | | Total qty | 1560.00 | 25.00 | 39000.00 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 7 | KSRRB M500-19: Providing and laying bituminous concrete 40mm thick with 100/120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 to 5.6% of mix and filler, transporting the hot mix to work site, laying with hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desire compaction as per MORTH specification clause No. 500.9 complete In all respects as per specifications. MORTH specification NO. 509, No.165 Item No. 21.22.2.PWD SR 2016-17 | Cum | | | | | | | |
| | Muneshwaranagara 6th cross | | 1 | 200.00 | 5.80 | 0.040 | 46.40 | | |
| | 1st to 4th Cross roads | | 4 | 20.00 | 5.00 | 0.040 | 16.00 | | |
| | | | | | | Total qty | 62.40 | 7492.00 | 467501.00 |
| 8 | KSRRB M100-1 Loading and un loading of stone boulder/Stone aggregates/ sand/kanker/ Moorum.KSRRB M100-1:Placing tipper at loading point.loading with front end loader,dumping,turning for return trip.excluding time for haulage and return trip complete as per specifications(Item no17.1,Page no130,PWD SR 2016-17 | Cum | | | | | | | |
| | | | | Vide Item No. 1 | | | 582.80 | | |
| | | | | A)Up to 125% Of Quantity | | | 251.25 | 72.00 | 18090.00 |
| | | | | B)Above 125% Of Quantity | | | 331.55 | 71.55 | 23724.00 |
| | Basic Rate | 68.00 | | | | | | | |
| | Area Weightage @ 6% | 4.08 | | | | | | | |
| | SubTotal | 72.08 | | | | | | | |
| | Tender premium(-0.73%) | 0.53 | | | | | | | |
| | GrandTotal | 71.55 | | | | | | | |
| 9 | Miscellaneous charges | L/S | | | | | | | 117.00 |
| | | | | | | | | Total RS | 1485900.00 |

**(Rupees Fourteen lakh eighty five thousand nine hundred only)**

**Certificate**

1. The work spot has been inspected and the work is found necessary.
2. This estimate is prepared as per C.S.R. of 2016-17
3. The provisions were made in this estimate are necessary and adequate.
4. This works come under B.B.M.P. limits.

Assistant Engineer
Ward no: 03

Assistant Executive Engineer
Yelahanka New town Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

"Modified Est."

**Technical Sanction**
Accorded For ...14.86 lach Rs.
Head of A/C.....P.1771.....
CER NO :.....02..... Dt:.. 31-10-17

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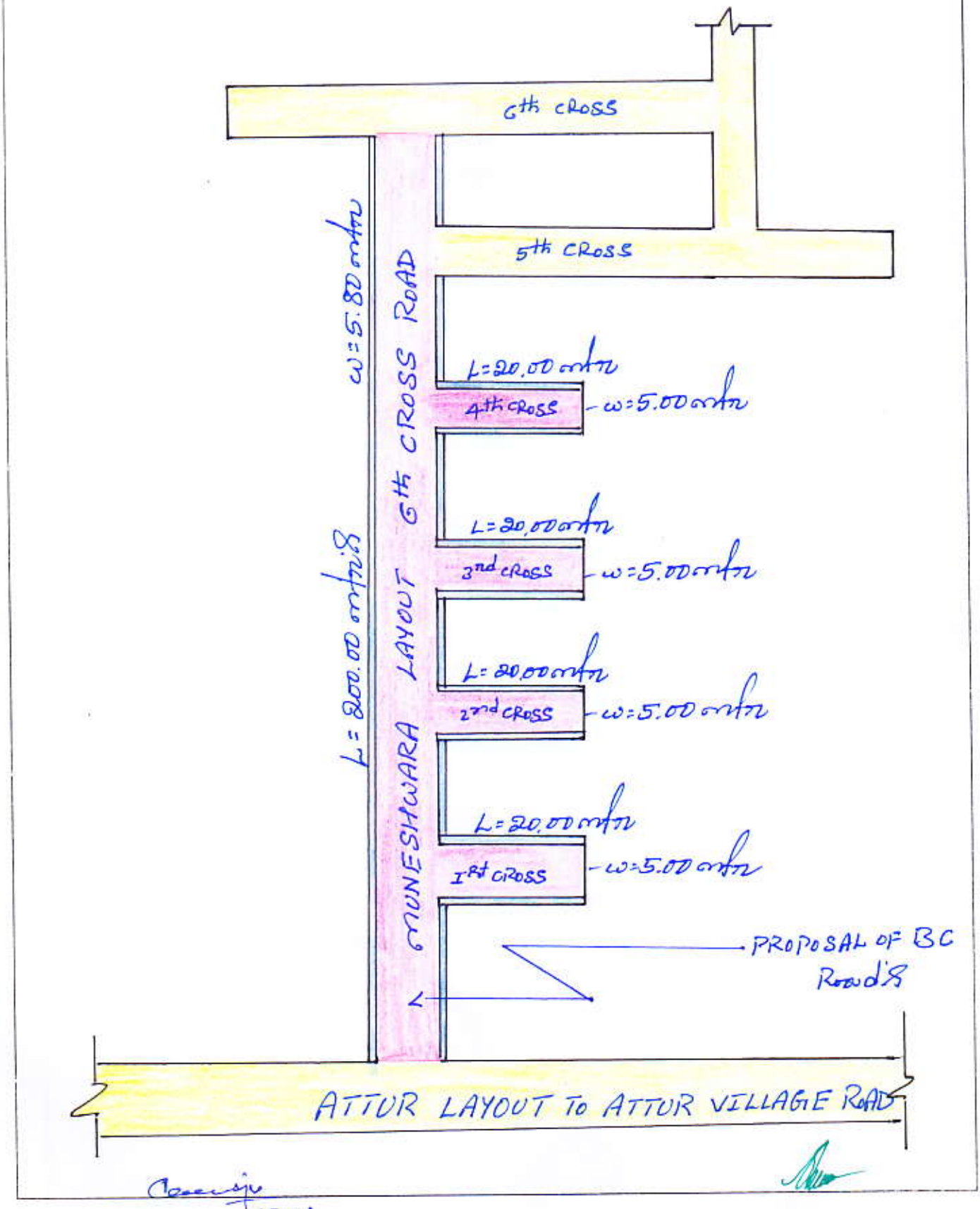
CE (YNK)

Name of Work:-Change of place for Improvements to roads and drains at Muneshwaranagara 6th cross & Attached roads in Attur ward no-03.(Improvements to roads and drains at Giridhamanagara of Doddabettahalli in Attur ward no-03).

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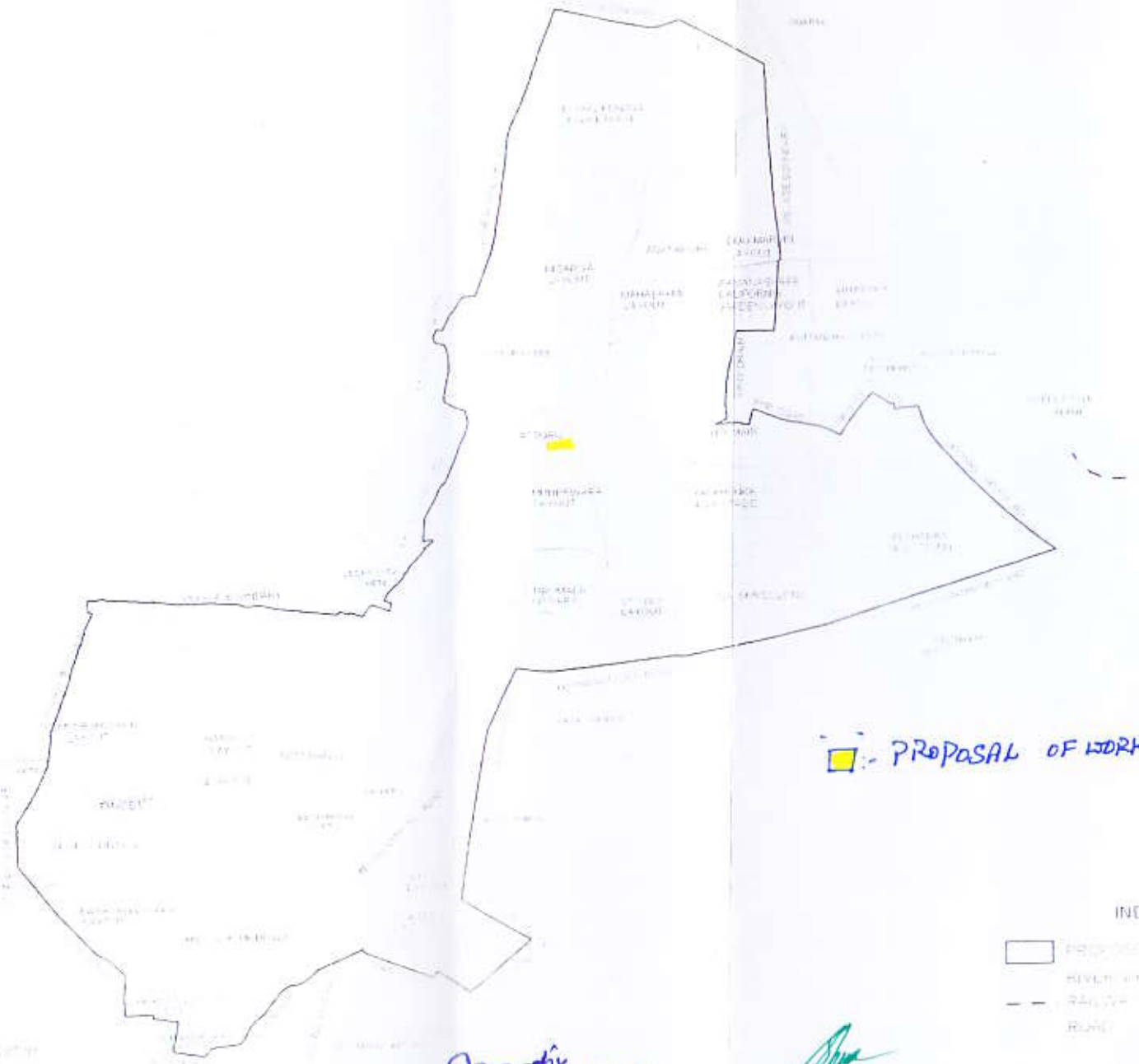
150 - YELAHANKA AC

BRUHAT BANGALORE MAHANAGAR PALIKE
WARD: 3- ATTURU



:- PROPOSAL OF WORK SPOT

INDEX

NOTIFICATION NO: BDD 98 MLR 2009 DATE: 15.07.09

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